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Hubbard et al.

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[54]	Apparatus and method for raising a sein wheal and anesthetizing sein
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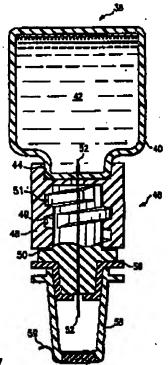
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ABSTRACT

The sight of a large LV. needle makes one shiver with fright due to cour's association of an LV. ass pain. An apparatus and method for anesthetizing the intended site for LV. peedle intertion is provided to reduce or eliminate the pain. The apparatus (10) comprises a storage chamber (12) contribuing agent (22) and coupled to a seat member (14). The seat member (14) further holds a needle (16) in place and plerces the storage obserber (12). Alternate embediments of the apparatus (10) holded a seat member (46,50) which allows the seedle (32,62) to penetrate the storage chamber (46,50) which allows the seedle (32,62) to penetrate the storage chamber (46,50) but prior to bis. The apparatus storage chember (40,62) just prior to his. The apparatus picroes the skin, injects the assembetizing agent and induces a skin wheal at the intended sits.

12 Claims, 5 Drawing Sheets



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